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(54) Title: VAPOR SCREEN COMPOSITION

(57) Abstract: The invention relates to a water-dispersible composition for making a water repellent paper with a low permeability for moisture. The composition comprises components (A) to (H), in the following amounts by dry weight (wt): (A) 5 to 89 wt % of polyvinyl butyral (PVB), (B) 1 to 20 wt % of styrene maleic imide (SMI), (C) 5 to 50 wt % of ethylene acrylate, (D) 0 to 20 wt % of polyvinyl alcohol or starch, (E) 0 to 7 wt % of wax, (F) 0 to 6 wt % of styrene maleic anhydride copolymer (SMA), (G) 0 to 70 wt % of styrene butadiene (SB) latex and (H) 0 to 70 wt % of talc. The invention further relates to an easily macerating moisture-proof paper comprising a base paper having coated on at least one surface thereof a layer of an aqueous emulsion comprising a water-dispersible composition, wherein the solid content in the aqueous emulsion is from 30 to 65 % by weight.

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